



# ENERGY ASSURANCE DAILY

Friday Evening, November 18, 2016

## *Electricity*

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### **NV Energy Reports Power Restored to 15,300 Customers after Brief Outage in Nevada November 18**

NV Energy reported 15,300 customers were without power for about 90 minutes in part of southeast Las Vegas Valley on Friday morning. The cause of the outage was still under investigation.

<https://www.nvenergy.com/outage/>

<http://www.reviewjournal.com/news/power-restored-most-15000-southeast-valley-residents-affected-outage>

### **Progress Energy's 872 MW Brunswick Nuclear Unit 1 in North Carolina Reduced to 64 Percent by November 18**

On the morning of November 17 the unit was operating at full power.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **Southern's 830 MW Farley Nuclear Unit 1 in Alabama Shut November 18**

The unit shut from full power due to no operable steam flow channels on the C loop.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

<http://www.nrc.gov/reading-rm/doc-collections/event-status/event/2016/20161118en.html>

### **Update: Exelon's 855 MW Quad Cities Nuclear Unit 2 in Illinois Ramps Up to 97 Percent by November 18**

On the morning of November 17 the unit was operating at 85 percent, reduced from 100 percent on November 16.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2016/>

### **PSC Approves Sale of Entergy's 813 MW FitzPatrick Nuclear Power Plant in New York November 17**

The New York Public Service Commission (PSC) said on Thursday it approved the sale of Entergy Corp's FitzPatrick nuclear power plant in Scriba, New York to Exelon Corp. The transaction is expected to close in the second quarter of 2017.

[http://www3.dps.ny.gov/pscweb/WebFileRoom.nsf/ArticlesByCategory/1F5545164D43A5AF8525806E0068D467/\\$File/pr16077.pdf?OpenElement](http://www3.dps.ny.gov/pscweb/WebFileRoom.nsf/ArticlesByCategory/1F5545164D43A5AF8525806E0068D467/$File/pr16077.pdf?OpenElement)

<http://finance.yahoo.com/news/entergys-fitzpatrick-nuclear-power-plant-200854232.html>

### **Dominion, Amazon Announce 180 MW Expansion of Solar Energy in Virginia November 17**

Dominion on Thursday announced an expansion of its solar alliance with Amazon Web Services (AWS), an Amazon.com company, to add 180 MW of solar generating capacity in five Virginia counties. Dominion is acquiring four 20 MW projects from Virginia Solar LLC, and will develop these facilities in Buckingham, New Kent, Powhatan, and Sussex Counties for AWS. The company is also acquiring a 100 MW development from Community Energy Solar and will develop it in Southampton County. Construction of the facilities will be enabled through long-term power purchase agreements between Dominion subsidiary, Dominion Energy, Inc., and an affiliate of Amazon's cloud computing business, AWS. Dominion will own and operate all five facilities as part of the Amazon Solar Farm U.S. East portfolio. The solar facilities are expected to enter service in late 2017.

<https://www.dom.com/residential/dominion-virginia-power/news/news-releases/137197>

### **DOI Blocks New Oil Exploration in Arctic Waters November 18**

The Department of the Interior (DOI) on Friday released a 2017 to 2022 leasing plan that blocked drilling in the Chukchi and Beaufort Seas off northern Alaska. It also limited petroleum development in the Cook Inlet off south-central Alaska. The Interior Department said the plan was “balanced,” and left 70 percent of economically recoverable oil and gas resources open to drilling, mostly in the Gulf of Mexico. The plan focuses on the best areas with the highest resource potential, lowest conflict and established infrastructure, and removes regions that are simply not right to lease, the DOI Secretary said.

<https://www.doi.gov/pressreleases/secretary-jewell-announces-offshore-oil-and-gas-leasing-plan-2017-2022>

Reuters, 14:48 November 18, 2016

### **PES Reports FCCU Emissions at Its 335,000 b/d Philadelphia, Pennsylvania Refinery November 15**

Philadelphia Energy Solutions (PES) reported emissions from the fluid catalytic cracking unit (FCCU) at the Point Breeze section of its Philadelphia, Pennsylvania refinery on November 15, according to a filing with the state pollution regulator.

Reuters, 14:09 November 18, 2016

### **Update: Coker, Hydrotreater at Phillips 66's 247,000 b/d Alliance, Louisiana Refinery to Remain Shut – Sources**

Phillips 66 will keep the coker and a hydrotreater shut for planned work as multiple units restart at its Alliance, Louisiana, refinery, sources familiar with plant operations said on Thursday. The refinery was hit by a power outage on Wednesday night, the sources said. The crude distillation unit, a reformer, and several hydrotreaters were shut by the power outage, according to energy industry intelligence service Genscape. The 27,000 b/d coker and the 53,000 b/d hydrotreater will be kept shut amid the return to production by early next week of 75 percent of the units at the refinery, the sources said.

Reuters, 21:20 November 17, 2016

### **Update: Husky Oil Reports July 21 Spill in Saskatchewan Caused by Ground Movement**

A Husky Energy oil spill into the North Saskatchewan River on July 21 was caused by ground movement that buckled a section of pipeline, the company said in a report to the Saskatchewan provincial government. Husky said the break was not due to material defects, such as corrosion. A supporting report by engineering firm Stantec said heavy rain may have triggered the ground movement. The Saskatchewan break occurred on land about 525 feet from the North Saskatchewan River and leaked an estimated 60,000 gallons of crude oil, the report said. Forty percent of the oil entered the river. The spill forced the cities of Prince Albert and North Battleford to temporarily find alternative sources of drinking water. Cleanup operations that concluded in October accounted for about 55,000 gallons. Husky said it will review leak detection procedures and ensure ground movement risks to pipelines are monitored. Regulators continue to review the incident.

<http://www.huskyenergy.com/news/saskatchewan-updates.asp>

<http://www.cbc.ca/news/canada/saskatchewan/husky-energy-north-saskatchewan-river-pipeline-break-1.3855871>

<http://www.reuters.com/article/us-pipeline-operations-husky-energy-spil-idUSKBN13C2US>

### **Amberjack Pipeline Announces Startup of Expanded Pipeline System in Gulf of Mexico November 18**

Amberjack Pipeline Company, a joint venture between Shell Pipeline Company LP (SPLC) and Chevron Pipe Line Company (CPL), on Friday announced the completion of its debottleneck project in the Gulf of Mexico. The project installed a new 33-mile, 24-inch pipeline segment from the Green Canyon block 19 platform to the South Timbalier block 301 area, connecting to existing infrastructure to expand the capacity to Fourchon. In addition, it routes the existing Amberjack 20-inch pipeline segment from GC-19 directly to the Ship Shoal block 332A platform via the Jackalope 20-inch pipeline. The debottleneck project increased the GC-19 off-take capacity by 60 percent. From GC-19, shippers can remain on the Amberjack pipeline system to the Mars pipeline or to the Chevron pipeline to Empire, or connect to other downstream pipelines such as Poseidon, CHOPS, and Eugene Island.

Reuters, 11:01 November 18, 2016

### **U.S. Drillers Add 19 Oil Rigs November 18 – Baker Hughes**

U.S. drillers added 19 oil rigs in the week to November 18 bringing the total count up to 471, the most since January, but still below the 564 rigs seen a year ago, Baker Hughes said on Friday.

Reuters, 13:08 November 18, 2016

## Natural Gas

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### Regency Reports AGI Shut at Its 290 MMcf/d Waha Gas Plant in Texas November 17

Regency reported there was no flow to the bank lubricator at its Waha gas plant. The lubricator lines were checked, cleared, and cleaned and the oil filters were replaced. The acid gas injector compressor was reset and restarted.

<http://www2.tceq.texas.gov/oce/ee/index.cfm?fuseaction=main.getDetails&target=247245>

### U.S. Natural Gas Rig Count Increases to 116 November 18 – Baker Hughes

The number of rigs drilling for natural gas in the U.S. rose by 1 this week to 116, data from Baker Hughes showed on Friday.

Reuters, 13:00 November 18, 2016

## Other News

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Nothing to report.

## International News

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Nothing to report.

## Energy Prices

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U.S. Oil and Gas Prices			
November 18, 2016			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b>			
<b>West Texas Intermediate U.S.</b>	45.64	44.57	40.65
\$/Barrel			
<b>NATURAL GAS</b>			
<b>Henry Hub</b>	2.34	2.22	2.05
\$/Million Btu			

Source: Reuters

## Links

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***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

## ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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